

M.M.

Section 101 #5

Rev. 10/01/01

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Eric S. Maniloff et al.

Docket No.: S-97,774

Serial No.: 09/973,170

Examiner:

Filed : October 04, 2001

Art Unit: 1756

For : NONDEGENERATE FOUR-
WAVE MIXING USING
PHOTOINDUCED CHARGE-
TRANSFER MATERIALS

COPY OF PAPERS
ORIGINALLY FILED

Box Missing Parts
Commissioner for Patents
Washington, DC 20231

COMPLETION OF FILING REQUIREMENTS

- I. ☒ The following is a reply to the Notice to File Missing Parts of Nonprovisional Application (PTO-1533) dated November 13, 2001.
- ☒ A copy of the Notice to File Missing Parts of Nonprovisional Application - Filing Date Granted (Form PTO-1533) is enclosed.

DECLARATION OR OATH

- II. ☒ No original declaration or oath was filed and enclosed is the original declaration or oath for this application.
- ☐ The original declaration or oath which was filed was determined to be defective. A new original oath or declaration is attached.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

☒ deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the :
Commissioner for Patents, Washington, DC 20231.

FACSIMILE

☐ transmitted by facsimile to the
United States Patent and Trademark
Office

Date February 08, 2002

Signature

Samuel M. Freund
(type or print name of person certifying)

03/01/2002 VTRUONG1 00000057 122150 09973170

02 FC:215

55.00 CH

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Attached is a

- ☐ Statement by a registered attorney that the application filed in the PTO is the application which the inventor executed by signing the declaration.
- ☐ Statement that the "attached" specification is a copy of the specification and any amendments thereto which were filed in the PTO to obtain the filing date.

AMENDMENT CANCELING CLAIMS

- III. ☐ Cancel claims _____.

SMALL ENTITY STATUS

- IV. ☒ Applicant is entitled to small entity status.
- ☐ Applicant is other than a small entity.

COMPLETION FEES

- V. 1. Filing fee
- ☐ original patent application 37 CFR 1.16(a))-
\$740.00; Small entity-\$370.00 \$ _____
2. Fees for claims
- ☐ each independent claim in excess of 3
(37 CFR 1.16(b))- \$84.00; small entity-\$42.00 \$ _____
- ☐ each claim in excess of 20 (37 CFR 1.16(c))-
\$18.00; small entity-\$9.00 \$ _____
- ☐ multiple dependent claim(s) (37 CFR 1.16(d))-
\$280.00; small entity-\$140.00 \$ _____
3. Surcharge fees
- ☐ late payment of filing fee
- and/or
- ☒ late filing of original declaration or oath
(37 CFR 1.16(e))- \$130.00; small
entity-\$65.00 \$65.00

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4. ☐ Petition and fee for filing by other than all the inventors or a person not the inventor
(37 CFR 1.47)-\$130.00 \$_____

TOTAL COMPLETION FEES**\$65.00**

EXTENSION OF TIME FEES
(complete (a) or (b) as applicable)

VI. The proceedings herein are for a patent application and the provisions of 37 CFR 1.136(a) apply.

- (a) ☒ Applicant petitions for an extension of time, the fees for which are set out in 37 CFR 1.17(a)-(d), for the total number of months checked below:

<u>Extension (months)</u>	<u>Fee for other than small entity</u>	<u>Fee for small entity</u>
<input checked="" type="checkbox"/> one month	\$ 110.00	\$ 55.00
<input type="checkbox"/> two months	\$ 400.00	\$200.00
<input type="checkbox"/> three months	\$ 920.00	\$460.00
<input type="checkbox"/> four months	\$1,440.00	\$720.00

EXTENSION OF TIME FEE**\$55.00**

- ☐ An extension for _____ months has already been secured and the fee paid therefor of \$_____ is deducted from the total fee due for the total months of extension now requested.

EXTENSION FEE DUE WITH THIS REQUEST**\$55.00**

or

- (b) ☐ Applicant believes that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

TOTAL FEE DUE

VII. The total fee due is

Completion fee(s) \$65.00
Extension fee (if any) \$55.00

TOTAL FEE DUE**\$120.00**

VIII.

- ☐ enclosed is a check in the amount of \$_____
- ☒ charge Account No. 12-2150 in the amount of \$120.00

A duplicate of this transmittal is attached.

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AUTHORIZATION TO CHARGE ADDITIONAL FEES

IX.

- ☒ The Commissioner is hereby authorized to charge the following additional fees which may be required by this paper and during the pendency of this application to Account No. 12-2150.
- ☒ 37 CFR 1.16(a), (f), or (g) (filing fees)
- ☒ 37 CFR 1.16(b), (c), or (d) (presentation of extra claims)
- ☒ 37 CFR 1.17 (application processing fees)

X. As to any overpayment made please

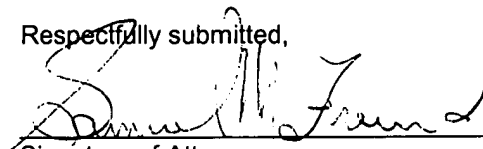
- ☒ Credit to Account No. 12-2150.
- ☐ Send refund check.

Date:

February 08, 2002

Reg. No. 30,459
Phone (505) 667-9701

Respectfully submitted,


Signature of Attorney

Samuel M. Freund
Los Alamos National Laboratory
LC/IP, MS A187
Los Alamos, New Mexico 87545

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Eric S. Maniloff et al.

Docket No.: S-97,774

Serial No.: 09/973,170

Examiner:

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For : NONDEGENERATE
FOUR-WAVE MIXING USING
PHOTOINDUCED CHARGE-
TRANSFER MATERIALS

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MAY 07 2002

OFFICE OF PETITIONS

Commissioner for Patents
Washington, DC 20231

STATEMENT OF FACTS IN SUPPORT OF FILING ON BEHALF OF
NONSIGNING INVENTOR

Sir:

This statement is made as to the facts that are relied upon to establish the diligent effort made to secure the execution of the Declaration and Power of Attorney by the nonsigning inventor for the above-identified patent application before deposit thereof in the Patent and Trademark Office.

This statement is being made by the available person having first-hand knowledge of the facts recited therein.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

☒ deposited with the United States Postal Service
with sufficient postage as first class mail
in an envelope addressed to the:
Commissioner for Patents, Washington, DC 20231.

Signature

Samuel M. Freund

(type or print name of person certifying)

Date: February 08, 2002

FACSIMILE

☐ transmitted by facsimile to the
United States Patent and Trademark
Office

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DETAILS OF EFFORTS TO REACH NONSIGNING INVENTOR

The nonsigning inventor ended employment at the Los Alamos National Laboratory on March 13, 1997, and applicants have made the following efforts in locating and reaching the nonsigning inventor:

1. Telephone contact was made with the nonsigning inventor's Group Office and Division Office at the Los Alamos National Laboratory, and with the Laboratory's Personnel Office, Office of Human Resources, and Security Office. None of these offices had information as to the location of the nonsigning inventor;
2. Telephone contact was made with each of the inventor's co-inventors for this patent application. None of these individuals have knowledge of where the nonsigning inventor can be reached;
3. Internet Address Finder services were used and the telephone number that was listed was answered by a business, the owner of which did not know of the nonsigning inventor; and
4. Telephone information services were employed, but no listing was found for the nonsigning inventor.

Dated: February 08, 2002


Sharon Ruminer
Office Secretary

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MAY 07 2002

OFFICE OF PETITIONS

**PROOF OF NEED TO PREVENT IRREPARABLE DAMAGE OR PRESERVE
THE RIGHTS OF THE PARTIES**

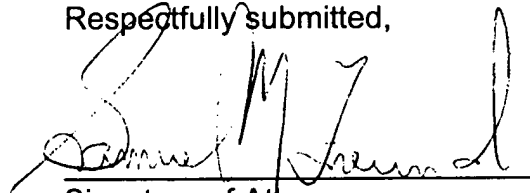
This Statement of Facts is necessary in order to provide a timely Response to the Notice to File Missing Parts of Nonprovisional Application, without which the above-identified patent application will go abandoned.

Applicants respectfully request that the subject Declaration and Power of Attorney be entered into the subject patent application.

Date: February 08, 2002

Reg. No. 30,459
Phone: (505) 667-9701

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Samuel M. Freund', written over a horizontal line.

Signature of Attorney

Samuel M. Freund
Los Alamos National Laboratory
LC/IP, MS A187
Los Alamos, New Mexico 87545



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/973,170	10/04/2001	Eric S. Maniloff	S-97,774

Samuel M. Freund
Los Alamos National Laboratory
LC/BPL, MS A187
Los Alamos, NM 87545



COPY OF PA,
ORIGINALLY FILED

CONFIRMATION NO. 6725
FORMALITIES LETTER

OC000000007059329

Date Mailed: 11/13/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 65.**

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

03/01/2002 VTRUONG1 00000057 122150 09973170

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